

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Original) A cooling tower, comprising:

a distributing means unitarily molded from a plastic material for receiving hot liquid and distributing the hot liquid onto at least one fill unit for gravitation of the hot liquid therethrough;

means for cooling the hot liquid using at least one air generator by drawing ambient air currents through said at least one unit and into evaporative contact with the hot liquid; and

means for collecting the cooled liquid disposed below said at least one fill unit.

15. (Original) A method for assembling a cooling tower comprising:

unitarily molding a hot liquid distribution unit from a plastic material; and

attaching the distribution unit to a metal frame having opposed side walls, opposed ends and a liquid collection basin disposed below said hot liquid distribution unit wherein said side walls extend vertically therefrom.

16. (Original) The method of claim 15, wherein the hot liquid distribution unit is rotationally molded.

17. (Original) The method of claim 15, wherein the plastic material is polyethylene.

18. (Original) A method for forming a cooling tower top from a plastic material, said method comprising the steps of:

molding a generally planar bottom wall portion having at least one opening therein for accommodating an air current generator and having a plurality of spaced apart hot liquid distributors oriented to distribute hot liquid;

molding a top wall portion having at least one opening formed therein for accommodating an air current generator; and

molding a liquid inlet portion;

wherein the aforementioned molding steps form a unitarily molded, enclosed liquid distribution unit.

19. (Original) The method of claim 18, wherein all three molding steps are carried out in a simultaneous molding process.

20. (Original) The method of claim 18, further comprising the step of molding opposed side walls that are unitarily connected to the bottom wall and the side walls extend vertically from the bottom wall.

21. (Original) The method of claim 20, wherein all four molding steps are carried out in a simultaneous molding process.

22. (Original) The method of claim 18, further comprising the step of molding opposed, end walls that are unitarily connected to the bottom wall and the end walls extend vertically from the bottom wall.

23. (Original) The method of claim 18, wherein the cooling tower top is rotationally molded.

24. (Original) A method for forming a cooling tower top basin and bottom basin, said method comprising the steps of:

molding the top basin and the bottom basin from a plastic material as a unitary piece;
and

separating the top basin and the bottom basin from each other.

25. (Original) The method of claim 24, wherein the top basin and the bottom basin are rotationally molded.

26. (Original) The method of claim 24, wherein the plastic material is polyethylene.

27. (Original) The method of claim 24, wherein the top basin and bottom basin are separated by a utilizing a laser, a hot edge, abrasion, high pressure water and/or a sharp edge.